

# ISIP 2024

## Hellenic American College, Greece

### Project List

<ul style="list-style-type: none"><li>• Guiding Ethical Research and Design of XR Technologies and Applications</li></ul>
<ul style="list-style-type: none"><li>• Building a chatbot using Python and Machine Learning</li></ul>
<ul style="list-style-type: none"><li>• Social media data analysis using Python</li></ul>
<ul style="list-style-type: none"><li>• Digital Twins (DTs) of Smart Cities</li></ul>
<ul style="list-style-type: none"><li>• Quantum Computing and Quantum Technologies</li></ul>
<ul style="list-style-type: none"><li>• Create a multi-microphone signal analyser to attach to a drone (e.g., 4 microphones attached to the drone) that can eliminate the noise of the drone engine and deduce a second drone that is nearby (by analysing its noise and location) so as to locate its position</li></ul>
<ul style="list-style-type: none"><li>• 4-WD-Robotic-Vehicle with Turret Crane to load /unload items autonomously from 2 Delivery Stations</li></ul>
<ul style="list-style-type: none"><li>• Light control in Nano photonic waveguides</li></ul>
<ul style="list-style-type: none"><li>• Managing IT projects</li></ul>
<ul style="list-style-type: none"><li>• Modern day software applications and medical technology advances aiding type 1 diabetes mellitus management in children and adolescents: a Systematic Review of the Medical Literature.</li></ul>